

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	267840	"428"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 14:45
S2	764393	S1 and (vibration with dampening) ad ("Ti" or titanium) and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:40
S3	0	S1 and (vibration with dampening) and ("Ti" or titanium) and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:40
S4	1565	416/241R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:41
S5	0	416/241R.ccls. and (vibration with dampening) and ("Ti" or titanium) and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:42
S6	0	416/241R.ccls. and (vibration near2 dampening) and ("Ti" or titanium) and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:42
S7	0	S1 and (vibration near2 dampening) and ("Ti" or titanium) and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:42
S8	39	S1 and (vibration near2 dampening) and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:19

## EAST Search History

S9	1	("4405284").PN.	USPAT; USOCR	OR	OFF	2006/05/29 11:49
S10	1	S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:49
S11	0	S9 and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 11:49
S12	267840	"428"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:20
S13	15	S12 and (vibration near2 dampening) and ("Ti" or titanium) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:21
S14	10	S12 and (vibration near2 dampening) and ("Ti" or titanium) and ceramic and (grade or draded or gradient or infiltrate\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:22
S15	0	S12 and (vibration near2 dampening) and ("Ti" or titanium) and ceramic and (grade or draded or gradient or infiltrate\$) and ((Fan adj2 blade) or fan or airfoil\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:23
S16	3	(vibration near2 dampening) and ("Ti" or titanium) and ceramic and (grade or draded or gradient or infiltrate\$) and ((Fan adj2 blade) or fan or airfoil\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:25
S17	0	(vibration near2 dampening) and ("Ti" or titanium) and ceramic and (grade or draded or gradient or infiltrate\$) and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:25

## EAST Search History

S18	0	(vibration near2 dampening) and ("Ti" or titanium) and ceramic and (grade or draded or gradient or infiltrate\$) and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:26
S19	21613	spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:26
S20	6519	spinel and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:26
S21	2907	spinel and ceramic and (Titanium or "Ti")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:27
S22	1894	spinel and ceramic and (Titanium or "Ti") and (coat or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:28
S23	12	spinel and ceramic and (Titanium or "Ti") and (coat or coating) and (vibration near S12 damped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:32
S24	0	("2004/0096332").URPN.	USPAT	OR	OFF	2006/05/29 13:31
S25	3	spinel and ceramic and (Titanium or "Ti") and (coat or coating) and (vibration with damped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:39
S26	0	("GB2237031").PN.	USPAT; USOCR	OR	OFF	2006/05/29 13:39

## EAST Search History

S27	0	("GB2237031").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:39
S28	0	GB2237031	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:40
S29	20	"2237031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:41
S30	9	"2162205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:42
S31	23	"725503"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 13:43
S32	42	("4405284").URPN.	USPAT	OR	OFF	2006/05/29 14:05
S33	10	S32 and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 14:40
S34	8	S32 and ("Ti" or titanium) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 14:43
S35	0	S32 and ("Ti" or titanium) and ceramic and vibration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 14:43

## EAST Search History

S36	1	S32 and ("Ti" or titanium) and ceramic and magnesia	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 14:50
S37	1267	428/632.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 14:51
S38	286	428/632.ccls. and ceramic and (coat or coating) and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 14:51
S39	56	428/632.ccls. and ceramic and (coat or coating) and ("Ti" or titanium) and magnesia	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 14:52
S40	3	428/632.ccls. and ceramic and (coat or coating) and ("Ti" or titanium) and magnesia adj2 alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:11
S41	196	vibration adj2 damped and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:12
S42	44	vibration adj2 damped and ("Ti" or titanium) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:12
S43	3	vibration adj2 damped and ("Ti" or titanium) and ceramic and spinel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:13

## EAST Search History

S44	26	vibration adj2 damped and ("Ti" or titanium) and ceramic and (coat or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:15
S45	6	vibration adj2 damped and ("Ti" or titanium) and ceramic and magnesia	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:17
S46	714	416/241B.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:17
S47	714	416/241B.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:18
S48	1	416/241B.ccls. and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:21
S49	1	416/241B.ccls. and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:22
S50	209	416/241B.ccls. and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:22
S51	13	416/241B.ccls. and ("Ti" or titanium) and vibration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:28

## EAST Search History

S52	157	Shipton.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/29 15:28
S53	15	("3301530"   "3758233"   "3794445"   "4023249"   "4233342"   "4241110"   "4257741"   "4492522"   "4826734"   "4884820"   "4980241"   "5223332"   "5290507"   "5858469").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/29 15:51
S54	27	("3758233").URPN.	USPAT	OR	OFF	2006/05/30 07:37
S55	1	("6127048").PN.	USPAT; USOCR	OR	OFF	2006/05/30 11:17
S56	1	("6,218,029").PN.	USPAT; USOCR	OR	OFF	2006/05/30 11:17
S57	3	((("6127048") or ("3758233") or ("6218029") or ("3758233")).PN.	USPAT; USOCR	OR	OFF	2006/11/15 11:31
S58	1	((("20020122718") or ("70481180")). PN.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 11:32
S59	4058	428/469.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/15 18:43
S60	1594	416/241R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:43
S61	727	416/241B.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:43
S62	6103	S59 or S60 or S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:44

## EAST Search History

S63	100	S62 and (metal or metallic) and spinel and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:45
S64	100	S62 and (metal or metallic) and spinel and ("Ti" or titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 16:26
S65	103	S62 and (metal or metallic) and spinel and ("Ti" or titanium)with substrate or base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:48
S66	78	S62 and (metal or metallic) and spinel and ("Ti" or titanium)with substrate or base)not electrodes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:48
S67	4059	428/469.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/18 15:29
S68	1594	416/241R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:29
S69	727	416/241B.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:29
S70	6104	S67 or S68 or S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:29



## EAST Search History

S71	10	S70 and (metal or metallic) and spinel and ("Ti" or titanium) and vibration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 16:05
S72	0	("20020122718").PN.	USPAT; USOCR	OR	OFF	2006/11/18 16:06
S73	2	("20020122718").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/18 16:06
S74	2	("7048180").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/18 16:06
S75	90	S70 and (metal or metallic) and spinel and ("Ti" or titanium)not S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 16:26
S76	170	Shipton.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 14:45
S77	171	Shipton.in. or Patsias.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 14:48
S78	52	(Shipton.in. or Patsias.in.) and (Mark)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 14:48

## EAST Search History

S79	53	(Shipton.in. or Patsias.in.) and (Mark or Sophoclis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 15:00
S80	1	("4405284").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2006/11/21 15:04
S81	2	("0725503").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2006/11/21 15:04
S82	7	((("0725503") or ("2337031") or ("2162205"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2006/11/21 15:05
S83	1	((("0725503") or ("2337031") or ("2162205"))).PN.	EPO	OR	OFF	2006/11/21 15:05